

Ciba



July 21, 2004

REC'd

7-23-04

F.B.

Mr. Frank Battaglia (2 copies)  
USEPA Region I  
Office of Site Remediation and Restoration (HBT)  
JFK Federal Building  
Boston, MA 02203

SOIL  
- CHECK ON SAMPLING  
DATE - FOR SITE  
VISIT. 3RD 1/4

Re: **Quarterly Progress Report for April, May, and June 2004**  
**Ciba Specialty Chemicals, 180 Mill Street, Cranston, RI 02905**  
**EPA ID RID001194323**

Dear Mr. Battaglia:

As required by the modified Consent Decree (CD) of September 28, 1992, I am submitting a stabilization progress report for the first quarter of 2004.

## 1.0 SUMMARY

### Stabilization Plan (IRM)

- **Contaminated groundwater in the Production Area (AOC 13)** -- The groundwater extraction wells 110 and 120, and the pretreatment system are operating as designed. Problems with fouling are preventing 130 from performing as designed. This issue is being addressed.

Since initiation on September 29, 1995, the groundwater stabilization pretreatment plant has processed approximately 270 million gallons of contaminated groundwater meeting the permit wastewater discharge limits for the City of Cranston, Rhode Island.

- **Soil in the Production Area (SWMU 11)** -- EPA approved the removal of all SVE/Thermal Oxidizer equipment and abandonment of the SVE wells. As submitted and modified by the EPA, a soil sampling will be conducted during the third quarter of 2004, which is the seasonally low groundwater period.



## **2.0 DISCUSSION**

### **Groundwater Treatment System**

The three extraction wells are pumping a total of approximately 55 GPM versus the expected 62 GPM. Maher Drilling and Pump Services was requested to return to the site due to capacity problems with well 130. Well 130 has dropped from the initial 22 GPM down to 10 GPM and a traditional rehabilitation (non AquaFreed®) is now planned for the well in July.

Routine maintenance activities, which include landscaping, housekeeping, and daily inspections of all process equipment, were performed during the quarter without incident.

### **SVE**

The sampling of SWMU 11 area is being scheduled for the third quarter 2004. The USEP reviewed the SVE shutdown and sampling plan dated May 9, 2003, and approved the plan with few modifications. Currently SVE is shutdown as per EPA guidance.

## **3.0 SCHEDULE OF ACTIVITIES**

- Annual groundwater sampling in October 2004
- Schedule soil sampling for 3<sup>rd</sup> quarter 2004

If you have questions or need additional information, please contact me at 732 914-2537 or fax 732 914-2909.

Sincerely,



Barry Cohen  
Compliance Manager

Attachment: 1

c: Chron file

**Monthly Report Distribution List**

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